



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005



Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-05/341/Cube/2017-18

20.06.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: Asst. Executive Engineer, Project Sub Division, Dasarahalli Zone, BBMP, Bangalore.
* Agency	: Technical Manager, KRIDL, Bangalore.
* Name of the work	: Construction of RCC drain and CC roads at 3rd main and adjacent cross roads in Ravindra Nagara Ward No.13, BBMP, Bangalore.
* Reference	: AEE/PSD/PR/01/2017-18 Dated: 20.05.2017
* Sample ID	: RCC Drain Concrete
Technical Reference	: IS: 516-1959 (RA-2013)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 20.06.2017



Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	23.05.2017	20.06.2017	8.163	509.6	22.65
2	23.05.2017	20.06.2017	8.293	528.7	23.50
3	23.05.2017	20.06.2017	8.305	539.4	23.97

*Information is furnished by the Customer/Representative.

Note:

- ⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.
- ⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.
- ⇒Any Query regarding the report must be reported within 30 days from the date of testing.

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Technical Manager

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	23.05.2017	20.06.2017	8.162	480.8	21.37
2	23.05.2017	20.06.2017	8.299	491.2	21.83
3	23.05.2017	20.06.2017	8.328	507.4	22.55

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22.06.2017

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Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 22.06.2017



Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	25.05.2017	22.06.2017	8.162	483.5	21.49
2	25.05.2017	22.06.2017	8.268	493.7	21.94
3	25.05.2017	22.06.2017	8.325	510.7	22.70

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	25.05.2017	22.06.2017	8.299	480.2	21.34
2	25.05.2017	22.06.2017	8.326	499.3	22.19
3	25.05.2017	22.06.2017	8.312	516.7	22.96

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	26.05.2017	23.06.2017	8.113	474.6	21.09
2	26.05.2017	23.06.2017	8.256	492.5	21.89
3	26.05.2017	23.06.2017	8.380	508.4	22.60

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1	26.05.2017	23.06.2017	8.123	490.5	21.80
2	26.05.2017	23.06.2017	8.226	505.5	22.47
3	26.05.2017	23.06.2017	8.305	515.8	22.92

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